

PROBLEM SUMMARY

Sample Rating Trend



VISUAL METAL



Machine Id
DT716
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (--- QTS)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
White Metal	scalar	*Visual	NONE	▲ MODER	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: NWWGRE
Sample No.: PCA0102387
Lab Number: 05897095
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL



Machine Id
DT716
 Component
Transmission (Auto)
 Fluid
COGNIS EMGARD 2805 ATF (--- QTS)

DIAGNOSIS

▲ Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Moderate concentration of visible metal present. All component wear rates are normal.

▲ Contamination

Moderate concentration of visible dirt/debris present in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0102387	---	---
Sample Date	Client Info	11 Jul 2023	---	---
Machine Age	mls	Client Info	179197	---
Oil Age	mls	Client Info	75000	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	74	---
Chromium	ppm	ASTM D5185m >5	<1	---
Nickel	ppm	ASTM D5185m >5	<1	---
Titanium	ppm	ASTM D5185m	<1	---
Silver	ppm	ASTM D5185m >5	0	---
Aluminum	ppm	ASTM D5185m >50	22	---
Lead	ppm	ASTM D5185m >50	11	---
Copper	ppm	ASTM D5185m >225	15	---
Tin	ppm	ASTM D5185m >10	2	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	82	---
Barium	ppm	ASTM D5185m	0	---
Molybdenum	ppm	ASTM D5185m	2	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m	10	---
Calcium	ppm	ASTM D5185m	129	---
Phosphorus	ppm	ASTM D5185m	251	---
Zinc	ppm	ASTM D5185m	20	---
Sulfur	ppm	ASTM D5185m	1803	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	16	---
Sodium	ppm	ASTM D5185m	7	---
Potassium	ppm	ASTM D5185m >20	5	---

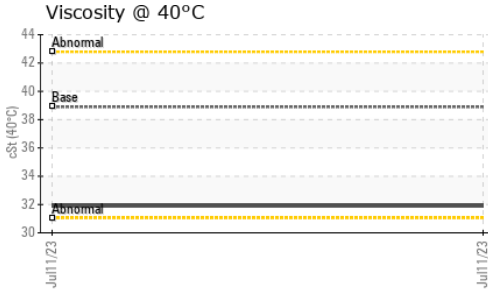
VISUAL

method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	▲ MODER	---
Yellow Metal	scalar	*Visual NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	---
Debris	scalar	*Visual NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	---
Emulsified Water	scalar	*Visual >0.1	NEG	---
Free Water	scalar	*Visual	NEG	---

FLUID PROPERTIES

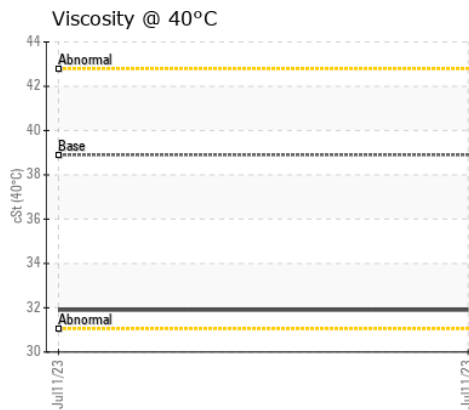
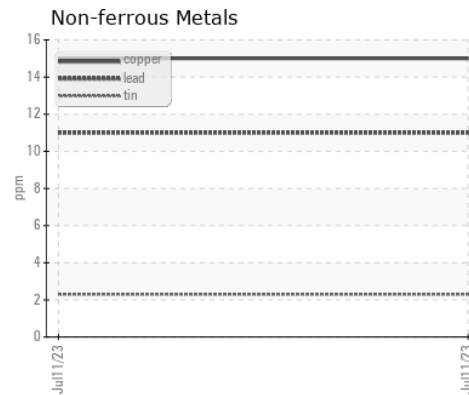
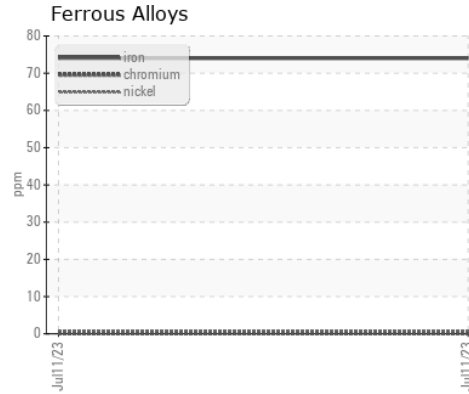
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 38.9	31.9	---

OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0102387 **Received** : 12 Jul 2023
Lab Number : 05897095 **Diagnosed** : 14 Jul 2023
Unique Number : 10552905 **Diagnostician** : Don Baldrige
Test Package : FLEET

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 GREENWOOD, SC
 US 29149
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)